

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit: 1652	:	
	:	
Examiner: Manjunath N. Rao	:	
	:	KETOGULONIGENIUM SHUTTLE
In re Application of:	:	VECTORS
D'Elia	:	
	:	
U.S. Patent No.: 7,033,824 B2	:	
	:	
Granted: April 25, 2006	:	

**REQUEST FOR CERTIFICATE  
OF CORRECTION UNDER RULE 1.323**

Pittsburgh, Pennsylvania 15222  
September 5, 2008

Attention: Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The errors noted on the attached form PTO 1050 (furnished in duplicate) appear in the printed copy of the subject patent.

Some of the errors noted on the attachment hereto occurred through the fault of the Applicants. It is submitted that correction of these errors does not require addition of new matter to the Subject Patent, reexamination of the Subject Patent, or materially affect the scope or meaning of the Subject Patent. Further, it is submitted

that these errors occurred in good faith. It is therefore requested that a Certificate of Correction, containing the corrections noted be issued under Rule 1.323.

Please charge Deposit Account 11-1110 in the amount of \$100.00. A duplicate copy of this letter is enclosed herewith.

Respectfully submitted,

A handwritten signature in black ink, reading "Sean M. Conrad", is written over a horizontal line.

Sean M. Conrad  
Patent Agent  
Reg. No. 61,532

K&L GATES LLP  
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Pittsburgh, PA 15222-2312  
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UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 7,033,824 B2

DATED: April 25, 2006

INVENTOR(S): John D'Elia

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 46-47, delete "in an attempt increase production" and substitute --in an attempt to increase production--therefor

Column 7, line 36, delete "(oriT) and acts" and substitute -- (oriT) and acts--therefor

Column 7, line 39, delete "A mob region is usually a mob gene and an oriT from" and substitute --A mob region is usually a *mob* gene and an *oriT* from--therefor

Column 7, line 48, delete "help of tra genes by" and substitute --help of *tra* genes by -- therefor

Column 7 line 49, delete "The tra genes are well known" and substitute -- the *tra* genes are well known--therefor

Column 7, line 53, delete "plasmids containing tra genes, such" and substitute --plasmids containing *tra* genes, such -- therefor

Column 8, line 12, delete "as the *E. coli* lac, trp, tac or" and substitute -- as the *E. coli* lac, *trp*, *tac* or-- therefor

MAILING ADDRESS OF SENDER:

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Burden Hours Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box: 1450, Alexandria, VA 22313-1450.

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Column 12, line 26, delete "conjugation." *Ann. Rev. Biochem.* 64:141-169 (1995)" and substitute -- conjugation. *Ann. Rev. Biochem.* 64:141-169 (1995)--therefor

Column 15, line 4, delete "reverse M13 primers to facilitate DNA sequenceing" and substitute -- reverse M13 primers to facilitate DNA sequencing--therefor

Column 18, line 24, delete "the selectted broad range" and substitute -- the selected broad range--therefor

Column 20, line 6, delete "ice-water bath 10 minutes, then transferd to a" and substitute -- ice-water bath 10 minutes, then transferred to a--therefor

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